target @ 270m $v = s/t$

$t = s/v$

$\frac{2.7}{0.3}$ 270 : 3 = 90

9 · 0.3

minimum 70 ns 18 ns for air dist.

50 ns for snow

$v = 0.2 \frac{m}{ns} \triangleq 5.25$ m firn

12.05.17 Dye II pit $T_A = -9.6$°C

4.5m SW to upGPR 12:42

HS = 88 cm						85	-8.9
88						80	-11.3
87	1	1/2 - 1	1	30.6		70	-14.3
81	1	1/2 - 3/4	3		30.1	60	-14.8
76	11	1/2 - 3/4	2-3	32.7	29.9 30.8	50	-14.6
64		1/4 - 3/4	3	32.9	33.6	40	-14.8
58		1/4 - 1/2	4	36.3	36.3	30	-15.1
~~55~~ 54		1/4 - 1/2 / 1/4 - 3/4	~~4-5~~ 4-2	36.4	(40.2) 34.8	20	-15.8
42		1/4 - 1/2	5	37.9	37.4	10	-16.4
27		1/4 - 1/2	4	33.3	36.7 38.6	0	-16.8
20		1-3	2	28.5	25.9 30.2		
7		1-2	3	34.2	35.6 33.2		
0		2-4	3	26.4			

13:25

Dye II GC not downloaded

date time GC net 12.05.17 17:02

date time 12.05.17 14:12

laptop = CR1000 URSAM

collected data @ 14:15

logger box full of snow

radiation sensor tilted

Ultrasonic #1 208 cm — above snow

Ultrasonic #2 154.5 cm — " " surface

main tower: snow cleared out as good as possible

radiation sensor leveled

14:30

Rite in the Rain